


**REMARKS**

Applicants believe that the present application is now in condition for allowance. Favorable reconsideration of the application as amended is respectfully requested. The Examiner is invited to contact the undersigned by telephone if it is felt that a telephone interview would advance the prosecution of the present application.

Respectfully submitted,

Date: 5.5.03

**Customer I.D. No. 26633**  
**HELLER EHRMAN WHITE**  
**& MCAULIFFE LLP**  
1666 K Street, NW, Suite 300  
Washington, D.C. 20006-1228  
Telephone: 202-912-2000  
Facsimile: 202-912-2020

By:  31,298  
For: John P. Isacson  
Attorney for Applicant  
Registration No. 33,715

Should additional fees be necessary in connection with the filing of this paper, or if a petition for extension of time is required for timely acceptance of same, the Commissioner is hereby authorized to charge Deposit Account No. 08-1641 for any such fees; and applicant(s) hereby petition for any needed extension of time.

PATENT TRADEMARK OFFICE



26633

**MARKED UP VERSION ATTACHED TO AMENDMENT IN  
SERIAL NO. 09/825,769**

Please delete paragraph [0022] on page 4, and replace it with the following paragraph:

[0022] FIG. 7: Depicts a comparison of the DNA sequence and translated amino acid sequence of the cysteine desulfonase gene isolated from B. pertussis strain BP536 (SEQ ID NO: 7) with the B. pertussis sequence (SEQ ID NO: 6) (contig 314) found in The Sanger Centre DNA data base. The DNA sequences have been assigned (SEQ ID NOS 8-12), respectively, in order of appearance.